

# AD-A270 682



Military Applications Summary Bulletin report on technology developments in Europe and the Middle East. The material contained in the Bulletins should in no way be construed as an endorsement of any product or service described therein.

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## JET FLOAT

**Background.** LPA of Salzburg, Austria, has developed a unique system for construction of floating piers, breakwaters, and bridges. Jet Float has been in production for over 20 years and has been used by the British Royal Marines and Canadian Armed Forces and in the 1984 Olympics in Los Angeles.

**Description.** Jet Float elements are simple to assemble; they are made of LUPOLEN 5261Z, a strong plastic derived from BASF. The individual elements are easy to handle, weighing approximately 14 lbs. Each element is 19-3/4 x 19-3/4 x 15-3/4 inches and has a load capacity of 207 lbs. Assembly is easy: four-element units can be assembled by one fixing bolt, giving a precise and stable unit.

Jet Float has unlimited possibilities for ship service uses. The elements can be assembled as floats for use in side painting, floats beneath brows and accommodation ladders, and similar applications. Portable bridges or ramps for amphibious operations are other possible applications. Jet Floats have been used as the flotation devices for accommodation barges and for temporary helicopter landing pads.

Examples of possible uses for Jet Floats are depicted in the illustrations (Figure 1).

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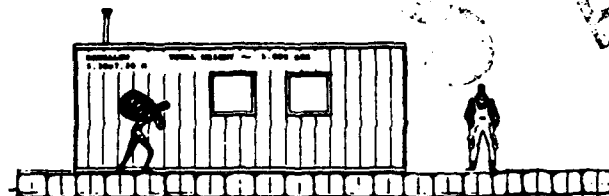
**ONREUR point of contact:** CDR R. H. Taylor, Undersea Systems Officer.

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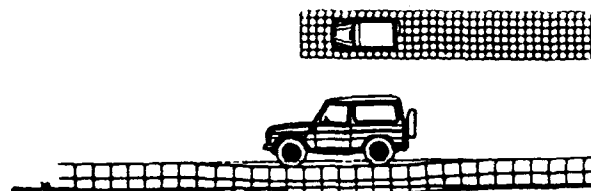
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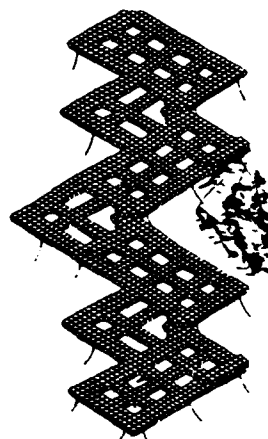
PLATFORM - One Layer



BRIDGE - Two Layers



BREAKWATER SYSTEM



JETTY

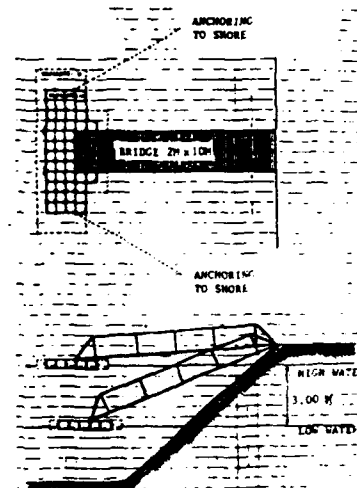


Figure 1. Four Examples of Possible Uses of the Jet Float System.

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